VIA Express Mail EL629610866US PATENT 36856.1330

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re. application of: Tsutomu OKADA

International Application No.:

Serial No.: Unknown

PCT/JP2004/016434

International Filing Date: November 5, 2004

Filed: Concurrently herewith

For: ELECTROMAGNETIC FIELD

ANALYZER, ELECTROMAGNETIC FIELD ANALYZING PROGRAM, AND STORAGE

MEDIUM FOR RECORDING THE

PROGRAM

INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §1.56, and in recognition of his duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicant herewith submits copies of the prior art listed on the attached Form PTO-1449. The prior art references Nos. 1-3 were cited in the attached International Search Report for PCT Application No. PCT/JP2004/016434. art references Nos. 4 and 5 are additional references that Applicant is submitting herewith. The relevance of prior art reference No. 4 is discussed on page 2 of the Substitute Specification filed concurrently herewith. The relevance of prior art reference No. 5 is discussed on page 3 of the Substitute Specification filed concurrently herewith

Information Disclosure Statement March 14, 2005 Page 2 of 2 10/527738

The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

Applicant respectfully requests that the disclosed references be made of record in the subject application.

Respectfully submitted,

Date: March 14, 2005

Attorneys for Applicant(s)

Joseph R. Keating Registration No. 37,368

Christopher A. Bennett Registration No. 46,710

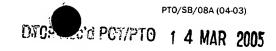
Peter Medley Registration No. 56,125

KEATING & BENNETT LLP

10400 Eaton Place, Suite 312

Fairfax, VA 22030

Telephone: (703) 385-5200 Facsimile: (703) 385-5080



Substitute for form 1449/PTO				Complete if Known		
Substitute	i lot lottil T	+49/P10		Application Number	10/527738	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Filing Date		
				First Named Inventor	Tsutomu OKADA	
				Art Unit		
				Examiner Name		
Sheet	1	of	11	Attorney Docket Number	36856.1330	

		NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title Of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
	1	Katsumi TSUBOTA et al., "The speed-up of Finite Element Analysis Using Nonnested Multigrid Method", SA-99-1~12, RM-99-55~66, pp. 19-24, 08/1999, (SA-99-4, RM-99-58).	x			
	2	Herbert DE GERSEM et al., "Full Multigrid for Magnetostatics Using Unstructured and Non-Nested Meshes"; IEEE Transactions on Magnetics, vol. 37, no. 5, pp. 3460-3464. 09/2001.	x			
	3	Akihisa KAMEARI, "Application of Geometrical Multigrid Method to Electromagnetic Corporation by Finite Element Method", SA-01-1~19, RM-01-69~87, pp. 61-66, 08/2001, (SA-01-11, RM-01-79).	x			
	4	R. HIPTMAIR, "Multigrid Method for Maxwell's Equations", Institut für Mathematick, Universität Augsburg, SIAM Journal of Numerical Analysis, Vol. 36, no. 1, , pp. 204-225, 1999.	x			
	5	David DIBBEN et al., "Non-nested Multigrid and Automatic Mesh Coarsening for High Frequency Electromagnetic Problems", The Japan Research Institute, Ltd., IEEJ Investigating Research Committee Material, SA-02-34, RM-02-70, pp. 71-75, 2002.	X			

Examiner Date

^{*}Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

¹ Applicant unique citation designation number (optional). ²See Kind Codes of USPTO Patent documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document by the two-letter code (WIPO Strandard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Abstract is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.